10/589477 IAP6 Rec'd PCT/PTO 14 AUG 2006

|                               | INFORMATION BIOOLOGUES   | CTATEMENT  |
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|                               | INFORMATION DISCLOSURE   | STATEMENT  |
| FIRST                         | DOCKET NUMBER <u>SHN-0049</u> SERIAL NUMBE<br>INVENTOR: <u>Jae Seop SONG</u> TITLE <u>OPTIC</u><br>RATUS   | R NYA FILED 8/14/2006 AL FIBER TREATEMENT  |
|                               | EXAMINER NYA   | ART UNIT NYA   |
| 1. 🗸                          | Applicant submits herewith a copy of (a) attached form PTO-1449, which li submitted for consideration by the Office; (b) a legible copy of each documer  | sts all patents, publications, applications, or other information trequired by 37 C.F.R. §1.98(b)(2).  |
| 2.                            | Applicant herein apprises the Patent Office of references cited in a parent U.S. apfiling date under 35 U.S.C. §120. The Serial Number of the parent application filed and entitled The publications cited therein are listed on attached Form PTO-1449. In accordance not required. □ Additional parent patent applications are listed on an are  | n is U.S. Application  |
| 3. 🔯                          | In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each of a copy of a translation of one or more non-English document, or portion A concise explanation is (check at least one box below):  □ provided in the accompanying foreign or international search report;   | each reference not in English (check at least one box below) thereof, is provided herewith;  |
| 37 C.F.R.<br>4.               | §1.97(b)(1), (b)(2) – WITHIN 3 MONTHS OF FILING OR ENTRY IN NATION Since this Information Disclosure Statement is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an §1.97(e) is required.  | of the filing date of the subject application or within three month  |
| <b>37 C.F.R.</b> 5. □         | §1.97(b)(3), (b)(4) – PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST Since this Information Disclosure Statement is being filed before the mailing of a first Office action after the filing of a request for continued examination (§1.97(e) is required.   | late of the first Office Action on the merits, or before the mailing   |
| 37 C.F. R<br>6. □<br>a.<br>b. | . §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWA Since this Information Disclosure Statement is being filed outside of the perio of a Final Rejection or Notice of Allowance, this submission is being accomp the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be chemically statement specified in 37 C.F.R. §1.97(e)   | d provided for in 37 C.F.R. §1.97(b), but before the mailing date<br>anied by (one of the following boxes must be checked):<br>§1.17(p).     |
| 37 C.F.R.<br>7. □             | §1.97(d) – AFTER FINAL REJECTION OR ALLOWANCE Since this Information Disclosure Statement is being filed after the period spec fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e be checked.)  | ified in 37 C.F.R. §1.97(c), but on or before payment of the issue and the fee set forth in 37 C.F.R. §1.17(p). (Box 8 or 9 mus              |
| 8.                            | In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that e Statement was first cited in any communication from a foreign patent office in a to the filing of this Information Disclosure Statement.   The foreign or intern   | counterpart foreign application not more than three months pric  |
| 9.                            | In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that Statement was cited in a communication from a foreign patent office in a cour signing this certification after making reasonable inquiry, no item of information to any individual designated in 37 C.F.R. §1.56(c) more than three months proceed that the process of the contract of the contr | iterpart foreign application, and, to the knowledge of the person<br>I contained in this Information Disclosure Statement was known          |
| 10. 🔽                         | In the event the Commissioner of Patents deems that any additional fee is reapplication, Applicant's attorneys authorize that such fee be charged to Depo  | equired under 37 C.F.R. §§ 1.16 or 1.17 in connection with this it Account No. $06-1130$ .   |
| 11. Cor                       | sideration of this Information Disclosure Statement is respectfully requested.   |  |
| N                             | ame: Amy Bizon-Copp  | Registration Number 53,993   |
| Sign                          | ature Amy Busan Capp   | Date August 14, 2006   |
| sufficien<br>transmit         | CATE OF MAILING OR TRANSMISSION: I hereby certify that this correspondence is postage as first class mail in an envelope addressed to: Commissioner For Patents, Ped to the U.S. Patent and Trademark Office to Facsimile No.  | being deposited with the United States Postal Service with O. Box 1450, Alexandria, VA 22313-1450, or [ ] facsimile on the date shown below. |

Signature

Date

August 14, 2006

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

SHN-0049

^**\*10**7589477

Applicant(s)

Jae Seep SONG CT/PTO 14 AUG 2008

Filing Date
August 14, 2006

Group Art Unit

NYA

|                      |     |   | U.         | S. PATENT DOCUMENTS                                    |                     |                    |                               |  |  |
|----------------------|-----|---|------------|--|---------------------|--------------------|-------------------------------|--|--|
| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER   | DATE       | NAME   | CLASS               | SUBCLASS           | FILING DATE IF APPROPRIATE    |  |  |
|                      |     |   |            |  |                     |                    |                               |  |  |
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|                      |     |   | U.S. PATEN | T APPLICATION PUBLICATIONS                             |                     |                    |                               |  |  |
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|                      |     |   | FORE       | IGN PATENT DOCUMENTS                                   |                     |                    |                               |  |  |
|                      | REF | DOCUMENT NUMBER   | DATE       | COUNTRY  | CLASS               | SUBCLASS           | Translation YES NO            |  |  |
|                      |     | JP 2637217  | 8/7/1990   | Japan w/English Abstract                               |                     |                    | 1                             |  |  |
|                      |     | JP 1995-261032  | 10/13/1995 | Japan w/English Abstract                               |                     |                    | 1                             |  |  |
|                      |     | JP 2003-200122  | 7/15/2003  | Japan w/English Abstract                               |                     |                    | 1                             |  |  |
|                      |     |   |            |  |                     |                    |                               |  |  |
|                      | :   |   |            |  |                     |                    |                               |  |  |
|                      |     |   | OTHER I    | OOCUMENTS (Including Author                            | r, Title, Date, Per | rtinent Pages, Et  | c.)                           |  |  |
|                      |     | Korean Intellectual P   | -          | ernational Search Report, Date of Mare listed above.** | ailing: 31 May      | 2005.              |                               |  |  |
|                      |     |   |            |  |                     |                    |                               |  |  |
|                      |     |   |            |  |                     |                    |                               |  |  |
| EXAMINER             |     |   |            | DATE CONSIDERED  | DATE CONSIDERED     |                    |                               |  |  |
|                      |     | ial if citation considered, wheth<br>oclude copy of this form with ne |            | conformance with MPEP Section 609; Dapplicant.         | )raw line throug    | th citation if not | in conformance and            |  |  |